



IN THE UNITED STATES PATENT OFFICE

Application No: 10/809,034

Applicants:

YOUNG, Robert Allen et al.

Filing Date: 03/25/2004

Title of Invention:

LOCKING BONE PLATE

Priority Date: 03/26/2003

Authorized Officer: pending

Attorney Docket no: PUS-P001-041

Art Unit: 3732

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INFORMATION DISCLOSURE STATEMENT

To:

Assistant Commissioner for Patents Washington, D.C. 20231 U.S.A.

Dear Sir:

Pursuant to the provisions of 37 C.F.R. §1.97, Applicant encloses the references set forth in the attached modified form PTO/SB/O8A. No inference should be made that the cited references are in fact material, are in fact prior art, are analogous art, or that no better art exists. The cited patents are listed in numerical order and not in any order based on their pertinence.

It is requested that the Examiner fully consider the cited references and that they be cited on the front of any patent issuing from this application.

Copies of the cited references are attached.

Foreign Language References:

Concerning German Language application, DE 4343117A1, below is a translation of the published abstract:

"The invention concerns a fixation system for bone(s) with a bone plate with at least one thru-hole, at least one bone screw inserted in the thru-hole, a mutual alignment therewith via various choices of angled bearing surfaces on the bone plate and bone screw and means for arranging the bone screws in a pre-determined angle on the plate. It is a system with an angle-stabilized screw arrangement, striving for minimal effort and small size. To this end, the fixing means provides, through screwing of the bone screw in a pre-determined angle of a pre-formed thread, at least a thread connection having a bearing surface on the bone plate and bone screw."

Concerning German Language application DE 4341980A1, entitled "Osteosynthetische Knochenplate" or "Osteosynthetic Bone Plate", below is a translation of the published abstract:

"In the bone plate are fitted round or elongated holes (2) in longitudinal direction for bone screws (3). The holes comprise a conical thread (4) extending toward the bone surface. Each bone screw has a screw head (5) with a conical outer thread matching that of the hole thread. Into the holes is insertable a boring template (6) has a conical thread analogous to the hole thread, and a central inner thread (7) identical to that of the bore screw. At least one longitudinal bore pref. has different end side radii and a peripheral inner thread."

If the Examiner has further questions, he is invited to contact the undersigned at phone 011-4171-230-1000 or fax at 011-4171-230-1001.

Respectfully submitted,

John MOETTELI

U.S. Reg. No. 35,289

US and International Patent and Trademark

Attorney-at-law

Enclosure: IDS form

Copies of cited patents



PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

 Complete if Known

 Application Number
 10/809,034

 Filing Date
 03/25/2004

 First Named Inventor
 YOUNG, ROBERT ALLEN

 Art Unit
 3732

 Examiner Name
 pending

 Attorney Docket Number
 PUS-P001-041

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	^{US-} 5,002,544	03/26/1991	Klaue et al.	entire document
	2	^{US-} 5,709,686	01/20/1998	Talos et al.	entire document
	3	^{US-} 5,733,287	03/31/1998	Tepic et al.	Fig. 4, entire doc.
	4	^{US-} 5,364,399	11/15/1994	Lowery et al.	entire document
	5	^{US-} 3,716,050	02/13/1973	Johnston	entire document
	6	^{US-} 3,659,595	05/02/1972	Haboush	entire document
	7	^{US-} 4,408,601	10/11/1983	Wenk	entire document
	8	^{US-} 5,324,290	06/28/1994	Zdeblick et al.	entire document
	9	^{US-} 5,810,823	09/22/1998	Klaue et al.	entire document
	10	^{US-} 5,741,258	04/21/1998	Klaue et al.	entire document
	11	^{US-} 5,976,141	11/02/1999	Haag et al.	entire document
	12	^{US-} 6,206,881	03/27/2001	Frigg et al.	entire document
	13	^{US-} 6,309,393	10/30/2001	Tepic et al.	entire document
	14	^{US-} 6,406,478	06/18/2002	Kuo	entire document
	15	us- 2002/0183752	12/05/2002	Steiner et al.	entire document
	16	^{US-} 5,681,311	10/28/1997	Foley et al.	entire document
	17	^{US-} 5,261,910 US-	11/16/1993	Warden et al.	entire document
		US-			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear		
			MM-DD-YYYY			۲	
	1	WO 01/54601	08/02/2001	Frigg et al.	entire document	Г	
	2	WO 02/00127	01/03/2002	Frigg et al.	entire document	Г	
	3	WO 01/19267	03/22/2001	Weaver et al.	entire document	Т	
	4	DE 43 43 117	06/22/1995	Wolter	entire document	┢	
	5	DE 43 41 980	06/14/1995	Oertel	entire document	Г	
	6	WO 0053110	09/14/2000	Wagner et al.	entire document		

Examiner	-	Date	
Signature		Considered	
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Translation is attached.

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE no persons are required to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Redu Complete if Known Substitute for form 1449/PTO **Application Number** 10/809,034 Filing Date INFORMATION DISCLOSURE 03/25/2004 STATEMENT BY APPLICANT First Named Inventor YOUNG, ROBERT ALLEN Art Unit 3732 (Use as many sheets as necessary) Examiner Name pending Attorney Docket Number Sheet PUS-P001-041 of 1

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-number(s), publisher, city and/or country where published.			
	1	AXIS Fixation System by SOFAMOR DANEK, published 02/1997, entire document			
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Examiner	Date	
Signature	Considered	

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